

EPA-approved Water Effects Ratios (WER) for <i>Texas Surface Water Quality Standards</i> (updated November 8, 2005)							
Segment	Water body	TPDES *	Facility	Parameter	WER	Site-specific criteria **	EPA approval ****
0303	River Crest Reservoir	00945	TXU	copper	3.4	50.2 ug/l *** 34.1 ug/l ***	5/7/03
0409	Sugar Creek	10457	City of Gilmer	copper	6.83	37.92 ug/l 28.26 ug/l	10/14/03
0510	Mill Creek	10187	City of Henderson	copper	4.95	32.1 ug/l 23.6 ug/l	7/3/02
0511	unnamed canal to Cow Bayou tidal	00670	Honeywell, Inc.	copper	2.39	38.88 ug/l 10.44 ug/l	11/24/03
0603	Sandy Creek	10197	City of Jasper	copper	4.67	28.81 ug/l 21.34 ug/l	2/1/05
0604	unnamed trib. to Bear Creek	01902	International Paper - Corrigan	aluminum	5.58	5,527 ug/l	9/28/05
0604	Buck Creek	01268	Lufkin Industries	copper	7.94	55.87ug/l 40.74 ug/l	10/14/03
0615	Paper Mill Creek/ Angelina River	00368	Abitibi Consolidated	aluminum	8.39	8314 ug/l	5/7/03
0805	Forney Branch	01251	TXU	copper	3.9	94.7 ug/l 61.5 ug/l	5/7/03
0806	West Fork Trinity River	00555	TXU	copper	2.5	63.2 ug/l 40.9 ug/l	5/7/03
1008	Panther Branch above Lake Woodlands	12597	San Jacinto River Authority - Woodlands	copper	6.45	38.2 ug/l 28.3 ug/l	6/25/03
2431	Moses Bayou	01263	ISP Technologies	copper	1.88	30.64 ug/l 8.23 ug/l	1/13/05

* TPDES - Texas Pollutant Discharge Elimination System

** Appendix E of the *Texas Surface Water Quality Standards* (TX WQS) includes site-specific criteria which have been developed by one or more regulated facilities. These criteria are to be used in place of the aquatic life criteria in Table 1 of the TX WQS. Unless otherwise specified, the WER applies to the portion of the segment near the facility which conducted the study. §307.6(c)(9) of the TX WQS allows the use of site-specific criteria based on a WER prior to adoption in Appendix E of the TX WQS. At the time of the next WQS revision, TCEQ will add the criteria in the above table to Appendix E and they will be deleted from this table. Please note that these site-specific values may change based on the hardness value used for hardness-dependent criteria (cadmium, chromium-trivalent, copper, lead, nickel, zinc).

*** Site-specific criteria apply to entire water body

**** EPA reviews WERs and consults under the Endangered Species Act prior to approval of site-specific aquatic life criteria. The approval date in the table may either be the date of concurrence by the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service or an approval letter from EPA.